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WHAT IS CLAIMED IS:

1. A security system comprising:
 - a security gateway located at a premises, wherein the security gateway is operable to detect an alarm condition and to record video of at least a portion of the premises relating to the alarm condition, said video hereinafter referred to as Alarm Video;
 - a security system server operatively coupled to the security gateway through a first network, wherein the security gateway is configured to notify the security system server of the alarm condition and to transfer the Alarm Video to the security system server in substantially real time through the first network; and
 - wherein the security system server is further operatively coupled to the security gateway through a second network, wherein the security gateway is configured to notify the security system server of the alarm condition through the second network.
2. The system of claim 1, wherein the security gateway is further configured to notify the security system server of the alarm condition through the first network substantially simultaneously with notifying the security system server of the alarm condition through the second network.
3. The system of claim 1, wherein the first network is an IP network.
4. The system of claim 1, wherein the first network is an Ethernet-based network.
5. The system of claim 1, wherein the first network comprises the Internet.
6. The system of claim 1, wherein the first network comprises a frame relay network.

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- 1 7. The system of claim 1, wherein the first network comprises a hybrid-fiber coaxial
2 network.
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- 4 8. The system of claim 1, wherein the first network comprises a fiber-optic network.
- 5
- 6 9. The system of claim 1, wherein the first network comprises a DSL network.
- 7
- 8 10. The system of claim 1, wherein the first network comprises an ATM network.
- 9
- 10 11. The system of claim 1, wherein the first network comprises a high-speed fixed
11 wireless network.
- 12
- 13 12. The system of claim 1, wherein the first network comprises a high-speed mobile
14 communications network.
- 15
- 16 13. The system of claim 1, wherein the second network comprises a public switched
17 telephone network.
- 18
- 19 14. The system of claim 1, wherein the second network comprises a fixed wireless
20 network.
- 21
- 22 15. The system of claim 1, wherein the second network comprises a mobile
23 communications network.
- 24
- 25 16. The system of claim 1, wherein the security gateway is further operable to record
26 audio from at least a portion of the premises relating to the alarm condition, said audio
27 referred to hereinafter as Alarm Audio, and wherein the security gateway is further
28 configured to transmit said Alarm Audio to the security system server through the second
29 network in substantially real time.
- 30

- 1 17. The system of claim 1, wherein the security system server is configured to
2 provide notification of the alarm condition to a public safety agency.
3
- 4 18. The system of claim 17, wherein the security system server is further configured
5 to provide the Alarm Video to the public safety agency.
6
- 7 19. The system of claim 1, wherein the security gateway is further operable to record
8 audio from at least a portion the premises relating to the alarm condition, said audio
9 referred hereinafter as Alarm Audio, and wherein the security gateway is further
10 configured to transmit said Alarm Audio to the security system server through the first
11 network in substantially real time.
12
- 13 20. A security system comprising:
14 a security gateway located at a premises,
15 wherein the security gateway is operable to detect an alarm condition and
16 to record video of at least a portion of the premises relating to the
17 alarm condition, said video hereinafter referred to the Alarm
18 Video,
19 wherein the security gateway further comprises a network interface, and
20 wherein the network interface is configured to connect the security
21 gateway to a cable headend through a first network, wherein said
22 first network is a hybrid-fiber-coaxial network; and
23 a security system server configured to connect to the cable headend through a
24 second network,
25 wherein the security gateway is configured to notify the security system server of
26 the alarm condition and to transfer the Alarm Video to the security system
27 server in substantially real time.
28
- 29 21. The system of claim 20, wherein the second network is a dedicated bandwidth
30 network.
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- 1 22. The system of claim 20, wherein the second network comprises a frame relay
2 network.
- 3
- 4 23. The system of claim 20, wherein the second network comprises an ATM network.
- 5
- 6 24. The system of claim 20, wherein the second network comprises a managed IP
7 connection having quality of service.
- 8
- 9 25. The system of claim 20, wherein the security gateway is operatively coupled to
10 the security system server through a third network, the security gateway being further
11 configured to notify the security system server of the alarm condition through the third
12 network.
- 13
- 14 26. The system of claim 25, wherein the third network comprises a public switched
15 telephone network.
- 16
- 17 27. The system of claim 25, wherein the third network comprises a fixed wireless
18 network.
- 19
- 20 28. The system of claim 25, wherein the third network comprises a mobile
21 communications network.
- 22
- 23 29. The system of claim 20, wherein the security gateway is further operable to record
24 audio from at least a portion the premises relating to the alarm condition, said audio
25 referred hereinafter as Alarm Audio, and wherein the security gateway is further
26 configured to transmit said Alarm Audio to the security system server through the second
27 network in substantially real time.
- 28
- 29 30. The system of claim 20, wherein the security system server is configured to
30 provide notification of the alarm condition to a public safety agency.
- 31

1 31. The system of claim 30, wherein the security system server is further configured
 2 to provide the Alarm Video to the public safety agency.

3

4 32. A security system for providing security monitoring services for a customer
 5 comprising:

6 a security gateway located at a premises designated by the customer,
 7 wherein the security gateway is operable to detect an alarm condition and
 8 to record video of at least a portion of the premises relating to the
 9 alarm condition, said video hereinafter referred to as the Alarm
 10 Video,

11 wherein the security gateway further comprises a network interface, and
 12 wherein the network interface is configured to connect the security
 13 gateway to a DSLAM through a first network, wherein the first
 14 network is a DSL network; and

15 a security system server connected to the DSL through a second network, wherein
 16 the security gateway is configured to notify the security system server of
 17 the alarm condition and to transfer the Alarm Video to the security system
 18 server in substantially real time.

19

20 33. The system of claim 32, wherein the second network is a dedicated bandwidth
 21 network.

22

23 34. The system of claim 32, wherein the second network is a frame relay network.

24

25 35. The system of claim 32, wherein the second network is an ATM network.

26

27 36. The system of claim 32, wherein the second network comprises a managed IP
 28 connection having quality of service.

29

30 37. The system of claim 32, wherein the security gateway is operatively coupled to
 31 the security system server through a third network, the security gateway being further

1 configured to notify the security system server of the alarm condition through the third
2 network.

3
4 38. A security system for providing security monitoring services comprising:
5 a security gateway located at a premises designated by a user, wherein the
6 security gateway is operable to detect an alarm condition and to record
7 video of at least a portion of the premises relating to the alarm condition,
8 said video hereinafter referred to the Alarm Video;
9 a security system server operatively coupled to the security gateway and a data
10 center, the data center comprising:
11 a user information database, comprising data about the user, said data
12 referred to hereinafter as User Data,
13 wherein the security gateway is configured to notify the data center of the
14 alarm condition and to transfer the Alarm Video to the data center
15 in substantially real time,
16 wherein the security system server is operable to associate the Alarm
17 Video with at least a portion of the User Data, said portion of the
18 User Data referred to hereinafter as Associated User Data, and
19 a monitoring client operatively coupled to the monitoring client, wherein the data
20 center is configured to transfer the notification of the alarm condition, the
21 Alarm Video and Associated User Data to the monitoring client, and
22 wherein the monitoring client is configured to display at least a portion of
23 the Alarm Video and the Associated User Data on the monitoring
24 client.

25
26 39. The system of claim 38, wherein the monitoring client is at a central monitoring
27 station.

28
29 40. The system of claim 39, wherein the security gateway is further operatively
30 coupled to a central monitoring server at the central monitoring station, and wherein the

security gateway is configured to transfer a notification of the alarm condition to the central monitoring server.

41. The system of claim 38, wherein the data center is further operable to store the notification of the alarm condition in the user information database.

42. The system of claim 38, wherein the data center is further operable to store the Alarm Video in the user information database.

43. A security system for providing security monitoring services for a plurality of users comprising:

a plurality of security gateways, each located at a premises, wherein each security gateway is operable to detect an alarm condition and to record video of at least a portion of its respective premises relating to the alarm condition, said video hereinafter referred to the Alarm Video;

a security system server operatively coupled to the plurality of security gateways,
the security system server comprising a user information database,
comprising data about each of the plurality of users, said data referred to
hereinafter as User Data,

wherein each security gateway is configured to notify the security system server of the alarm condition and to transfer the Alarm Video to the security system server in substantially real time,

wherein the security system server is operable to associate the Alarm Video with at least a portion of the User Data, said portion referred to hereinafter as Associated User Data; and

a monitoring client operatively coupled to the security system server, and wherein the security system server is configured to transfer the notification of the alarm condition, the Alarm Video and Associated User Data to the monitoring client, and wherein said monitoring client is configured to display at least a portion of the Alarm Video and the Associated User Data.

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44. The system of claim 43, wherein the security system server is further operable to store the notification of the alarm condition in the user information database.
45. The system of claim 43, wherein the security system server is further operable to store the alarm video in the user information database.
46. The system of claim 43, wherein the monitoring client is at a central monitoring station.